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~~RESTRICTED~~RS-6 EQUIPMENT CHARACTERISTICS (TENTATIVE)

COMPONENTS - RP-6, RA-6, RT-6, RR-6

WEIGHT - RS-6 with accessories: 16 lbs.
RS-6 in mock-up burial case: 25 lbs.

VOLUME - 276 cubic inches

RP-6

FUNCTION - POWER SUPPLY

INPUT - 70 - 270 volts AC, 40 - 400 cycles
6 volts DC @ 10 amps.

OUTPUT - 400 volts @ 70 ma, 6 volts @ 2.5 amp. AC, 6 volts @
3.5 plus amp. DC

RECTIFIER - 6X4

CONTROLS - AC primary tap switch

WEIGHT - 6 lbs.

DIMENSIONS - 2 1/8 inch high, 4 inch wide, 8 inch long

RA-6

FUNCTION - FILTER AND ACCESSORY UNIT

FILTER - CONDENSER INPUT. DUAL 5 mf & 5 henry CHOKE

ACCESSORIES - 100 ft. ANTENNA WIRE } NOT STORED IN THE
2 each ANTENNA INSULATORS } ACCESSORY BOX.
1 each 2000 ohm TELEX HEADPHONE }
2 each BATTERY CLAMP
1 each AC CORD & PLUG

CONTROL - "BREAK IN - RECEIVE" SWITCH

WEIGHT - 3.75 lbs.

DIMENSIONS - 2 inch height, 4 inch width, 8 inch length

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DOCUMENT NO. /

NO CHANGE IN CLASS. ☐

☐ DECLASSIFIED

CLASS. CHANGED TO: TS S *C 2012*

NEXT REVIEW DATE:

AUTH: HR 70-2

DATE: *12/20/87* REVIEWER: 010956

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RT-6

FUNCTION - TRANSMITTER
 FREQ. RANGE - 2.95 - 7 mc., 6.9 - 16.5 mc.
 TUBES - 6AG5 OSCILLATOR
 2E26 POWER AMPLIFIER
 KEYING - OSCILLATOR CATHODE
 KEYING RATE - 60 wpm with JAN ACTIVITY CRYSTALS
 CONTROLS - OSCILLATOR TANK TUNING CONDENSER
 OSCILLATOR TANK BAND SWITCH
 FINAL TANK TUNING CONDENSER
 FINAL TANK BAND SWITCH
 POWER INPUT - 400 volt @ 70 ma.
 POWER OUTPUT - NOMINAL 10 watts
 OUTPUT IMPEDANCE - 70 - 1200 ohm
 WEIGHT - 3.25 lbs.
 DIMENSIONS - 2.25 inches height, 5 inches width, 6.75 inches length

RR-6

FUNCTION - RECEIVER
 FREQUENCY - 3 - 6.6 mc., 6.5 - 15 mc.
 TYPE - EIGHT TUBE SUPERHETRODYNE (Two Tube Types Used)
 SENSITIVITY - 2 uv for 10 mw
 CONTROLS - COARSE TUNING
 FINE TUNING
 VOLUME CONTROL
 BAND SWITCH
 FIDUCIARY AND CRYSTAL CALIBRATOR SWITCH
 BEAT FREQUENCY OSCILLATOR (Variable)

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RR-6 (Continued)

FEATURES - CRYSTAL CONTROL. TWO FEET OF MECHANICAL BANDSPREAD
LOGGING SCALE

ALIGNMENT - ALL SLUGS AND TRIM CAPACITORS ACCESSIBLE THROUGH
BOTTOM COVERS

CALIBRATION - 500 KC CRYSTAL CALIBRATOR

WEIGHT - 3.25 lbs

DIMENSIONS - 2.25 inches height, 5 inches width, 6.75 inches length

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